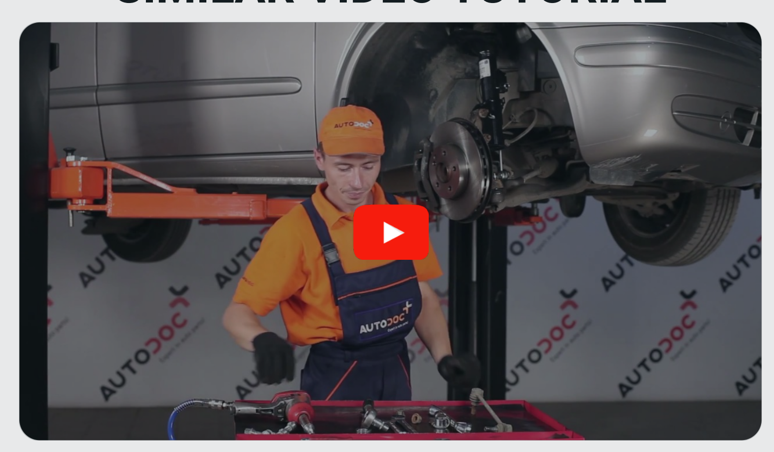
AUTODOC CLUB

How to change front anti roll bar links on **MERCEDES-BENZ VITO / MIXTO Box (W639)** – replacement guide





SIMILAR VIDEO TUTORIAL



This video shows the replacement procedure of a similar car part on another vehicle

Important!

This replacement procedure can be used for:
MERCEDES-BENZ VITO / MIXTO Box (W639) 110 CDI 2.2, MERCEDES-BENZ VITO / MIXTO Box (W639) 113 CDI 2.2, MERCEDES-BENZ VITO / MIXTO Box (W639) 116 CDI 2.2, MERCEDES-BENZ VITO / MIXTO Box (W639) 122 CDI 3.0, MERCEDES-BENZ VITO / MIXTO Box (W639) 115 CDI 2.2, MERCEDES-BENZ VITO / MIXTO Box (W639) 111 CDI 2.2, MERCEDES-BENZ VITO / MIXTO Box (W639) 119 3.2, MERCEDES-BENZ VITO / MIXTO Box (W639) 122 3.2, MERCEDES-BENZ VITO / MIXTO Box (W639) 109 CDI 2.2, MERCEDES-BENZ VITO / MIXTO Box (W639) 120 CDI 3.0, MERCEDES-BENZ VITO / MIXTO Box (W639) 111 CDI 2.2 4x4, MERCEDES-BENZ VITO / MIXTO Box (W639) 115 CDI 2.2 4x4, MERCEDES-BENZ VITO / MIXTO Box (W639) 126 3.5, MERCEDES-BENZ VITO / MIXTO Box (W639) 123 3.7 (639.603)

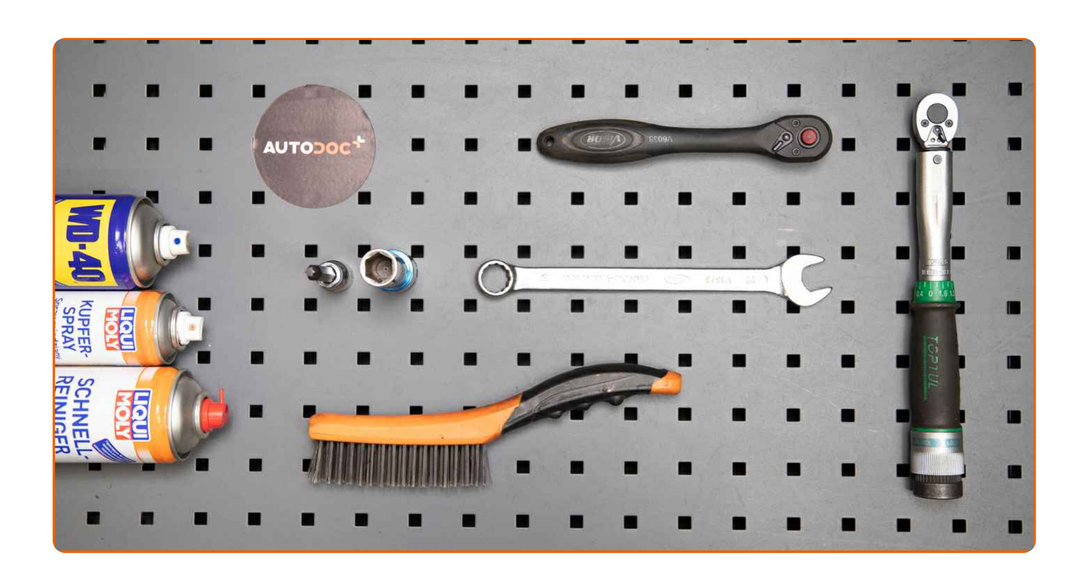
The steps may slightly vary depending on the car design.

This tutorial was created based on the replacement procedure for a similar car part on: MERCEDES-BENZ VITO Bus (W639) 115 CDI 2.2





REPLACEMENT: ANTI ROLL BAR LINKS – MERCEDES-BENZ VITO / MIXTO BOX (W639). TOOLS YOU NEED:



- Wire brush
- WD-40 spray
- Brake cleaner
- Copper grease
- Combination spanner #18
- Torx bit T40
- Wheel impact socket #17
- Ratchet wrench
- Torque wrench
- Wheel chock

Buy tools

AUTODOC recommends:

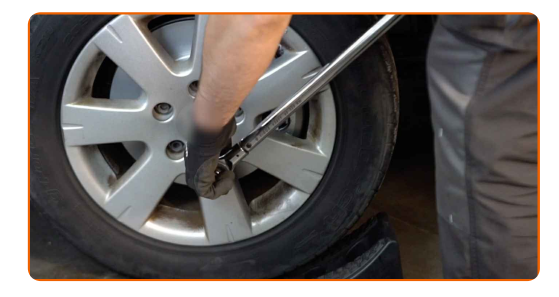
- Replace the stabiliser links on MERCEDES-BENZ VITO / MIXTO Box (W639) in pairs.
- The replacement procedure is identical for both stabiliser links on the same axle.
- All work should be done with the engine stopped.

REPLACEMENT: ANTI ROLL BAR LINKS – MERCEDES-BENZ VITO / MIXTO BOX (W639). RECOMMENDED SEQUENCE OF STEPS:

1 Secure the wheels with chocks.

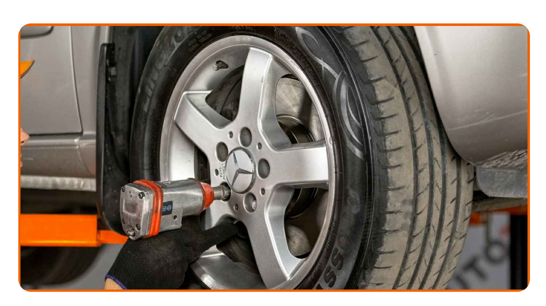


2 Loosen the wheel mounting bolts. Use wheel impact socket #17.



3 Raise the front of the car and secure on supports.

4 Unscrew the wheel bolts.



AUTODOC recommends:

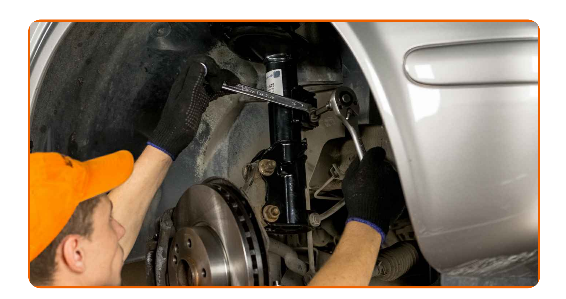
- Important! Hold the wheel while unscrewing the fastening bolts. MERCEDES-BENZ VITO / MIXTO Box (W639)

5 Remove the wheel.



6 Clean the stabiliser link fasteners. Use a wire brush. Use WD-40 spray.

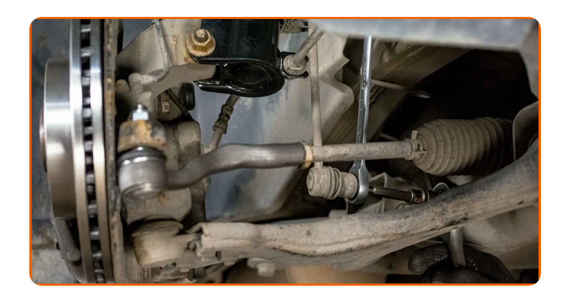
7 Unscrew the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #18. Use Torx T40. Use a ratchet wrench.



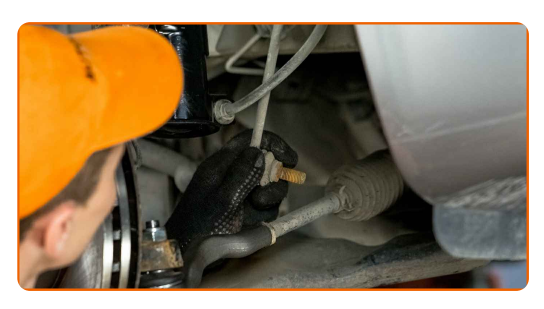




8 Unscrew the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #18. Use Torx T40. Use a ratchet wrench.



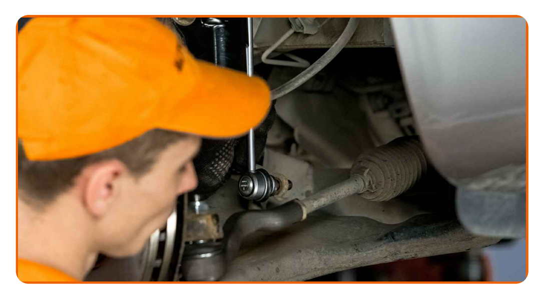
9 Remove the stabilizer rod.



Replacement: anti roll bar links – MERCEDES-BENZ VITO / MIXTO Box (W639). Tip from AUTODOC:

- Examine stabiliser bushes. Replace them if needed.

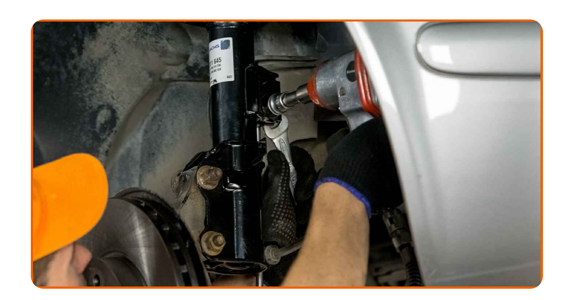
10 Install a new rod, tighten the fasteners.



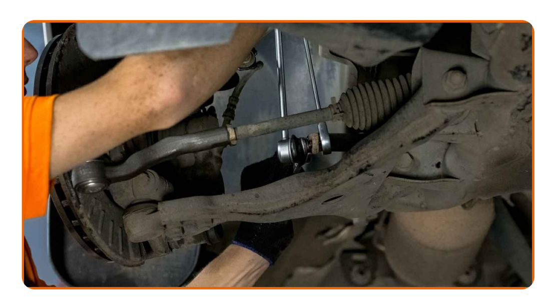




11 Tighten the fastener connecting the stabilizer link to the shock strut. Use a combination spanner #18. Use Torx T40. Use a torque wrench. Tighten it to 85 Nm torque.

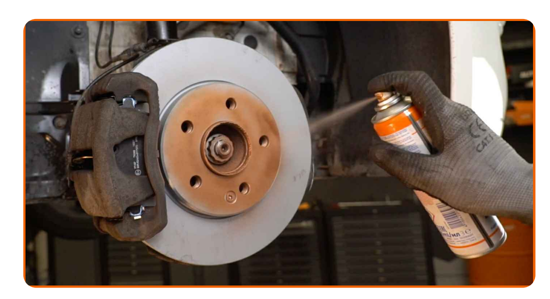


12 Tighten the fastener connecting the stabilizer link to the stabilizer bar. Use a combination spanner #18. Use Torx T40. Use a torque wrench. Tighten it to 85 Nm torque.

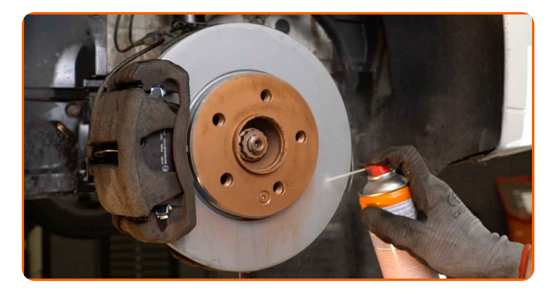


13 Treat all joints of the stabiliser link. Use copper grease.

14 Treat the surface where the brake disc contacts the wheel rim. Use copper grease.



15 Clean the brake disk surface. Use a brake cleaner.







AUTODOC recommends:

- Replacement: anti roll bar links – MERCEDES-BENZ VITO / MIXTO Box (W639). After applying the spray, wait a few minutes.

16 Install the wheel.



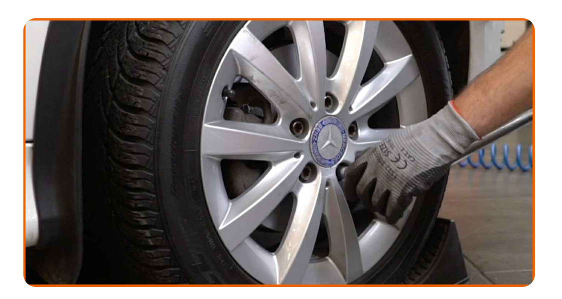
AUTODOC recommends:

- Warning! To avoid injury, hold the wheel while screwing in the fastening bolts on the car. MERCEDES-BENZ VITO / MIXTO Box (W639)

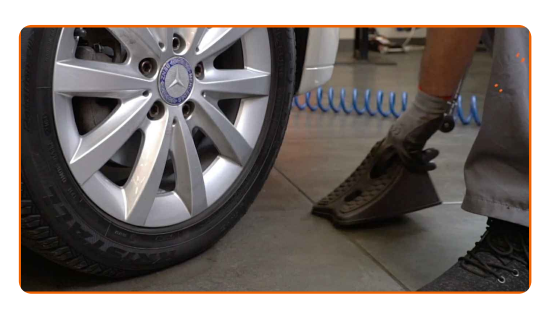
17 Screw in the wheel bolts. Use wheel impact socket #17.



18 Lower the car and working in a cross order, tighten the wheel bolts. Use wheel impact socket #17. Use a torque wrench. Tighten it to 130 Nm torque.



19 Remove the jacks and chocks.



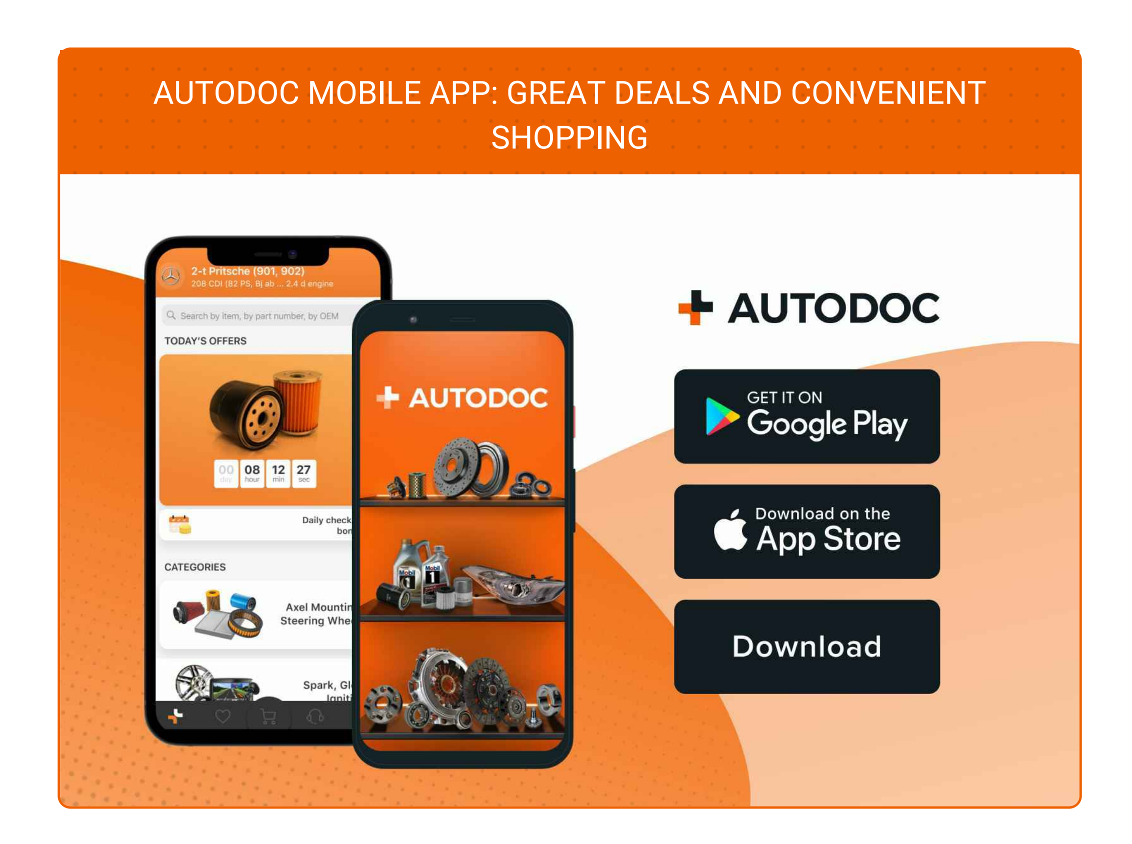







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ANTI ROLL BAR LINKS: A WIDE SELECTION

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